

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name BOSTWICK CREEK	Waterbody ID Code 1650900	Sample ID (YYYYMMDD-CY-FD) 20181025-32-04
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Sampling Location ~15m DS of confluence with tributary in farm field ^{pasture}	Database Key 169485252
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SWIMS Station ID 10009118	SWIMS Station Name BOSTWICK CREEK #6- LOWER FIELD RD. CROSSING ON SCHOMBERG FARM
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Latitude 43.8187	Longitude -91.00231	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) BAD AXE - LA CROSSE	Watershed Name LOWER LA CROSSE RIVER	County LA CROSSE
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Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name BOSTWICK CREEK TWA 2018
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Sampling Device

D-Frame Kick Net
 Surber Sampler
 Eckman
 Ponar
 Artificial Substrate
 Hess Sampler
 Other: _____

Habitat Sampled

Riffle
 Run
 Pool
 Other
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) 2	Estimated Area Sampled (m²) 2	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Bostwick Creek TWA

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.2	Average Stream Width of reach (m) 2
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 30 Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 20
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: 30 Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 0
Canopy Cover at Sample Site (%) 0

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity	Local	Water-shed	Factors that may be influencing Water Resource Integrity	Local	Water-shed
Biological			Chemical		
Algae: - Diatoms / Periphyton	PL	U	Chlorine	N	N
- Filamentous Algae	N	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	PH	PI
Iron Bacteria	N	PI	Toxics: - Inorganic (Metals)	U	N
Macrophytes	PL	PI	- Organic (PCBs, pesticides...)	U	U
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PL	PH
			Point Source - Specify:	U	N
Physical			Pasturing of Livestock	PH	PH
Bank Erosion	PL	PI	Runoff: - Barnyard	N	N
Channelization: - Upstream	N	PI	- Construction	N	N
- Downstream	N	PI	- Cropland	PH	PH
Hydraulic Scour / Channel Incision	N	PI	- Urban	N	PL
Impoundment: - Upstream	N	N	Septic Systems	U	N
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	N	N	- Mineral Soils	U	U
Sedimentation	PL	PH	Springs	U	U
Sludge	N	N	Tributary(s)	PL	PI
Thermal	U	N	Wetland	N	N
Turbidity	N	PI	Other - Specify:		
Other - Specify:		N			

Comments *Sampled ~ 15m DS of confluence w/ tributary in middle of pasture (~380m DS of Larson Rd). Flood in August created a huge log jam across the entire stream US of our sampling location. Banks remained fairly stable in our sampling reach.*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Sam Lamarche</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>5/1/19</i>	Specimens Saved <i>Subsample archived in ABL until Jul 2022</i>	

*CS B3
83 81*

164 total